

NCTS-SIN 5.5KW OFF GRID INVERTER

NCTS-SIN 5.5KW

Product Features

- Pure Sine wave solar inverter
- Output power factor 1
- High PV input voltage range
- Built-in 100A MPPT solar charger
- Battery equalization function to optimize battery performance and extend lifecycle
- Built-in anti-dust kit for harsh environment
- Support working without battery



Solar



PC



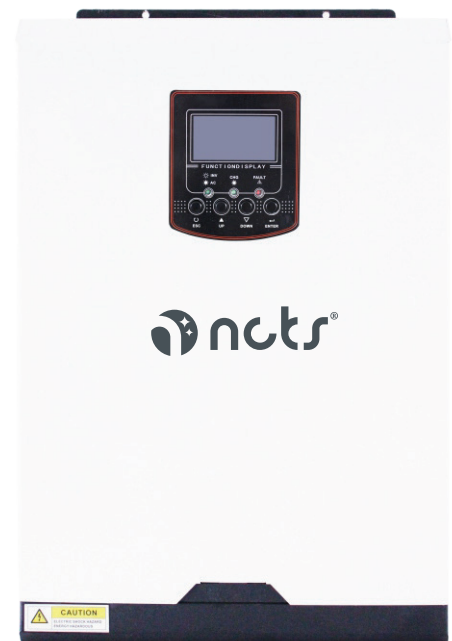
TV



Fan



Home Appliance



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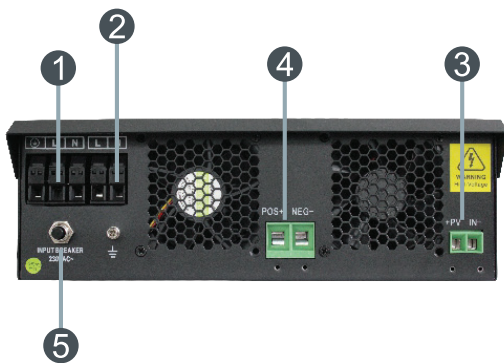
Technical Specifications

Model: NCTS-SIN 5.5KW

Model		NCTS-SIN5.5KW	
Rated Power	5500VA/5500W	Solar Charger & AC Charger	
Input		Solar Charge Type	MPPT
Voltage	230VAC	Max PV Array Open Circuit Volgtage	500 VDC
Voltage Range	170–280 VAC (for PC) or 90–280 VAC (for Home Appliances)	Max PV Array Open Circuit Power	6000 W
Frequency Range	60/50Hz (Auto sensing)	MPP Range@Operating Voltage	120-450VDC
OUTPUT		Maximum Solar Charge Current	100A
AC Voltage Ragulation (Bat Mode)	230Vac ± 5%	Maximum AC charge Current	100A
Surge Power	10000 VA	Maximum Charge Curren	100 A
Efficiency(Peak)	90%~93%	PHYSICAL	
Transfer Time	10 ms (for Personal Computers); 20ms(for Home Appliances)	Dimension(LxWxH) mm	100x300x400
Waveform	Pure sine wave	Net Weight(kgs)	10.5 kg
Battery		Communication Interface	USB/RS232
Battery Voltage	48 VDC	ENVIROMENT	
Floating Charging Voltage	54 VDC	Humidity	5-95% Relative Humidity (Non-condensing)
Overcharge Protection	63 VDC	Operating Temperature	-10°C to 50°C
		Storage Temperature	-15°C to 60°C

Overview

- 1• AC input
- 2• AC output
- 3• PV input
- 4• Battery input
- 5• Circuit breaker



System connection

